

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Dec/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.774	2839.171	1) Gujrat	-0.815	35.299
2) Hydro	5.197	162.910	2) Madhya Pradesh	4.757	143.123
3) Gas	3.917	130.424	3) Chattisgarh	6.780	125.980
Total MSPGCL	147.888	3132.505	4) Maharashtra	136.694	2725.396
B) 1) APLM	31.085	1145.278	5) Goa (Amona)	-1.014	-27.561
2) JSWEL	17.604	361.609	Total	146.402	3002.237
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.171	339.111
4) RPL(AMT)	8.576	68.238	b) Mumbai Drawl	13.884	408.138
5) WPCL	7.019	144.106	c) MSEDCL Bilateral *	38.279	704.706
6) Other IPP	18.012	346.037	Include PX	10.758	163.677
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.171	338.134
C) 1) TPCL Thermal	13.740	266.547	Include PX	6.796	200.095
2) TPCL Hydro	1.117	62.223	Standby	0.000	0.978
3) TPCL Gas	3.732	71.348	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.784	182.881	1) MSEDCL	393.028	8154.822
D) STATE			2) Mumbai Discoms	42.256	991.136
1) Thermal	244.594	5353.867	TOTAL STATE	435.284	9145.958
(A1+C1+C4+(B1-B6))					
2) Hydro	6.314	225.133			
(A2+C2)					
3) Gas	7.649	201.772			
(A3+B7+C3)					
4) Wind	22.698	240.056			
6) SOLAR	7.628	122.894			
TOTAL STATE	288.883	6143.722			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6697	6304	6268	4415
MSPGCL Hydro	468	286	104	98
MSPGCL Gas	130	140	132	294
MSPGCL Total Generation	7294	6730	6504	4808
Central Sector Receipt	6993	7415	5659	5000
WIND	1161	970	658	933
CPP / IPP Thermal	3758	3285	3756	3337
CPP / IPP Gas	0	0	0	0
SOLAR	940	1012	0	0
Exchange with Mumbai	-566	-590	-534	-510
MSEDCL DEMAND MET	19580	18822	16042	13568
Load Shedding	0	0	0	0
MSEDCL DEMAND	19580	18822	16042	13568
TPCL GENERATION	867	857	952	771
AEML GENERATION	498	499	497	498
MUMBAI DEMAND	1931	1946	1983	1779
STATE DEMAND MET	21511	20768	18026	15346
STATE DEMAND	21511	20768	18026	15346
Frequency (Hz)	50.02	49.99	50.04	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 14.02 Hrs	49.79 Hz at 15.41 Hrs	50.02	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 20/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.14	38.60	180	115
Unit 7	1.45	22.74	140	0
Unit 8	12.46	249.69	606	375
Unit 9	9.52	182.61	423	335
Unit 10	0.00	0.00	0	0
Total	26.56	493.64		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.04	214.16	500	280
Unit 5	9.64	212.18	485	280
Total	19.68	426.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.91	100.76	250	156
Unit 7	4.78	100.71	249	153
Unit 8	3.29	104.10	250	0
Total	12.99	305.57		
Chandrapur				
Unit 3	3.52	63.30	167	118
Unit 4	3.55	71.88	160	135
Unit 5	8.62	180.61	420	274
Unit 6	8.88	147.01	435	280
Unit 7	9.20	103.74	455	278
Unit 8	0.00	208.25	0	0
Unit 9	11.10	195.44	500	290
Total	44.87	970.21		
Paras				
Unit 3	5.20	86.99	254	159
Unit 4	5.11	96.26	248	152
Total	10.31	183.25		
Khaparkheda				
Unit 1	3.62	67.62	160	140
Unit 2	3.94	74.33	185	140
Unit 3	0.00	0.00	0	0
Unit 4	4.10	82.21	192	140
Unit 5	9.59	175.28	405	315
Total	21.24	399.44		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.12	53.00	146	121
Unit 5	0.00	0.00	0	0
Total	3.12	60.71		
Uran				
All Units	3.92	130.42	294	130
Total	3.92	130.42		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.03	1.53	17	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	1.53		
Koyna				
Stage 1-2	1.82	60.48	320	40
Stage 4	0.53	38.67	250	0
Stage 3	0.57	21.44	80	0
Total	2.92	120.58		
Hydro				
KDPH	0.44	5.04	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.22	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	3.85	40	0
RNGR+BHTSA	0.36	6.98	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	8.94	20	19
GHATGHAR	0.81	17.29	250	0
Total	2.28	42.32		
Wind				
Total	22.70	240.06	0	0
Total	22.70	240.06		
CPP				
APML(Mus)	31.08	1145.28	0	0
JSWEL(Mus)	17.60	361.61	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	8.58	68.24	0	0
WPCL(Mus)	7.02	144.11	0	0
Other(Mus)	18.01	346.04	0	0
Total	82.30	2065.27		
SOLAR				
Total	7.63	122.89	0	0
Total	7.63	122.89		
Tata				
Trombay 5	9.07	176.01	464	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.28	44.00	96	95
Trombay 7B	1.45	27.34	61	60
Trombay 8	4.67	90.54	235	137
TATA Hydro	1.12	62.22	188	4
Total	18.59	400.12		
AEML				
DTPS U-1&2	9.78	182.88	499	281
Total	9.78	182.88		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.77	2839.17	MSPGCL Total	147.89	3132.50
			MSPGCL Thml+Gas	142.69	2969.60	Koyna 1,2 & 4 Total	2.35	99.15
			MSPGCL Hydro	5.20	162.91	State Total	288.88	6143.72

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Dec/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4924	102	154	5180	1282	3293	0	0	5014	5250	-795	14210	0	14210	1695	15905	50.01
2	4915	92	150	5158	1250	3256	0	0	5058	5170	-745	14088	0	14088	1604	15692	50.03
3	4912	102	140	5154	1255	3305	0	0	5152	5138	-667	14186	0	14186	1523	15708	50.02
4	4836	92	140	5068	1149	3231	0	0	5096	5192	-622	14018	0	14018	1478	15496	50.00
5	5153	102	140	5396	1124	3340	0	0	5235	5463	-607	14716	0	14716	1465	16180	49.99
6	6119	102	150	6372	1122	3369	0	0	5459	5761	-664	15960	0	15960	1521	17480	50.01
7	6538	102	140	6780	1225	3410	0	1	6199	6109	-659	16866	0	16866	1544	18410	50.02
8	6600	158	150	6908	1158	3467	0	111	6685	6782	-631	17796	0	17796	1582	19378	50.00
9	6704	846	140	7690	961	3734	0	420	6325	6355	-465	18694	0	18694	1723	20417	50.03
10	6668	704	140	7512	994	3869	0	749	6530	6265	-491	18898	0	18898	1842	20740	50.03
11	6697	468	130	7294	1161	3758	0	940	7146	6993	-566	19580	0	19580	1931	21511	50.02
12	6467	364	130	6960	1044	3385	0	1086	7655	7542	-605	19412	0	19412	1956	21368	50.03
13	6304	286	140	6730	970	3285	0	1012	7333	7415	-590	18822	0	18822	1946	20768	49.99
14	6284	282	130	6696	824	3318	0	1044	7403	7144	-526	18500	0	18500	1887	20388	50.03
15	6290	98	130	6518	698	3306	0	911	7526	7455	-544	18344	0	18344	1841	20186	50.04
16	6284	178	130	6592	557	3277	0	680	7522	7397	-624	17878	0	17878	1793	19672	49.92
17	6378	324	140	6842	454	3482	0	637	6726	6521	-537	17399	0	17399	1790	19189	50.01
18	6308	190	130	6628	428	3622	0	37	6253	6067	-408	16374	0	16374	1828	18202	50.04
19	6268	104	132	6504	658	3756	0	0	5706	5659	-534	16042	0	16042	1983	18026	50.04
20	5954	104	184	6242	791	3617	0	0	5721	5233	-550	15332	0	15332	2015	17348	50.03
21	4933	98	225	5256	883	3314	0	0	5666	5553	-495	14512	0	14512	1947	16458	50.03
22	4451	98	294	4844	940	3337	0	0	5516	5558	-503	14176	0	14176	1885	16060	50.02
23	4415	98	294	4808	933	3337	0	0	5458	5000	-510	13568	0	13568	1779	15346	50.05
24	4372	100	284	4756	837	3229	0	0	5400	5380	-546	13656	0	13656	1699	15354	50.05
MUs	138.77	5.20	3.92	147.89	22.70	82.30	0.00	7.63	147.78	146.40	-13.88	393.03	0.00	393.03	42.26	435.28	50.02

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center, Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 20/Dec/2020

Position as on 6.30 Hrs of 21/Dec/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem(Converted in to Annual Overhaul.From	
MSPGCL	Khaparkheda Unit 3	210	19/11/2020	23.55		Continued.	ANNUAL OVERHAUL	
MSPGCL	Koyna STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
MSPGCL	Chandrapur Unit-8	500	20/12/2020	00.00		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00	21/12/2020	02.00	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	Adani U-4	660	15/12/2020	23.48		Continued.	Zero schedule.	
IPP	Adani U-5	660	16/12/2020	03.50		Continued.	Zero schedule.	
IPP	Adani U-1	660	16/12/2020	10.58		Continued.	Withdrawal For RSD.	
MSPGCL	Uran Unit 5	108	20/12/2020	00.13		Continued.	Filter Replacement	
MSPGCL	Koradi Unit 7	210	20/12/2020	11.27		Continued.	Furnace Draft	
MSPGCL	Parli Unit 8	250	20/12/2020	17.24		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 21/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400 KV 1500 MVA ICT II @ Aurangabad (Ektuni)	IntraState	20/12/2020	09.57	21/12/2020	05.35	PO	Routine Maintenance Work
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	19/12/2020	20.02		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Khadka-Aurangabad (Waluj)	IntraState	19/12/2020	17.39	20/12/2020	07.15	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	19/12/2020	21.54	20/12/2020	09.38	HT	Over Voltage
Padghe - Kalwa-II	IntraState	20/12/2020	08.59	20/12/2020	20.32	PO	CVT Testing work for ratio Error Analysis
Koradi-Khaperkhedha li	IntraState	20/12/2020	11.25	20/12/2020	21.09	PO	Tbc shifting of 400kv koradi-khaperkhedha-ii
Koradi-Bhusawal	IntraState	20/12/2020	22.04	20/12/2020	23.49	T	Distance Protection
Padghe - Nagothane - I	IntraState	20/12/2020	23.42		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	20/12/2020	06.01	20/12/2020	11.55	HT	Low oil Level Alarm
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	20/12/2020	06.44	20/12/2020	09.50	T	Bucchoz Protection Optd
400/220/33 Kv 315 MVA ICT II @Bableshtar	IntraState	21/12/2020	05.31		Continued.	T	Bucchoz Protection Optd
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Boisar(MS) - Boisar (PG) - I	InterState	20/12/2020	21.55	21/12/2020	00.13	EO	Attending Hot Spot
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Trombay - Kalwa	IntraState	16/12/2020	06.43		Continued.	PO	HTLS work.
Koradi-Butibori Rly Tss	IntraState	18/12/2020	09.04		Continued.	PO	For loop in loop out work at LOC. no.38 & Loc no.55.
Butibori-Abhijeet	IntraState	18/12/2020	09.10		Continued.	PO	For loop in loop out work at Loc no.38 & Loc no.55.
Trombay-Chembur Line 1	IntraState	20/12/2020	09.29	20/12/2020	09.58	PO	Removal of Bus-1 side Disconnecter switch of Bay
Talegaon (Ambi)-General Motors	IntraState	20/12/2020	10.35	20/12/2020	13.15	PO	Replacement work
220 KV ICT Outages/Trippings							
220/132 kv 100MVA ICT-I @ Ghatodi	IntraState	17/12/2020	11.32		Continued.	PO	For oil filtration Work.(upto 18.12.2020)
220/33kv 125 MVA Transformer 3 @Chembur R/S	IntraState	19/12/2020	10.32	20/12/2020	11.34	PO	Removal of Bus-1 side Disconnecter switch of Bay
220/33kv 125 MVA Transformer 1 @Chembur R/S	IntraState	19/12/2020	12.04	20/12/2020	10.18	PO	Removal of Bus-1 side Disconnecter switch of Bay
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-Ii (Mudshingi)	IntraState	20/12/2020	08.05	20/12/2020	17.20	PO	Replacement work

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage